

# Comparisons of Job Characteristics

**Focus Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)**

**Associated Occupation: Bicycle Repairers (49-3091)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 84

**Focus Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)**

**Associated Occupation: Bicycle Repairers (49-3091)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	17.6	18.5	0	Current knowledge level may be sufficient
Engineering and Technology	5.7	10.5	9.0	<	Expanded education and/or training may be required
Design	5.2	8.8	6.4	<<	Extensive education and/or training may be required
Sales and Marketing	5.2	8.3	8.8	0	Current knowledge level may be sufficient
Building and Construction	4.0	7.4	3.4	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 84

**Focus Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)**

**Associated Occupation: Bicycle Repairers (49-3091)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Repairing	3.4	12.6	11.9	0	Current skill level may be sufficient
Equipment Maintenance	3.5	10.8	11.5	0	Current skill level may be sufficient
Troubleshooting	4.5	10.1	11.5	>	Skill level is likely sufficient
Quality Control Analysis	5.9	10.0	9.8	0	Current skill level may be sufficient
Equipment Selection	3.3	8.8	7.8	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 87

**Focus Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)**

**Associated Occupation: Bicycle Repairers (49-3091)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Visualization	7.5	12.5	10.6	<	Some improvement in abilities may be required
Manual Dexterity	6.5	12.0	10.8	<	Some improvement in abilities may be required
Finger Dexterity	7.6	11.6	11.4	0	Current ability level may be sufficient
Oral Comprehension	12.5	10.7	9.6	<	Some improvement in abilities may be required
Arm-Hand Steadiness	6.8	10.6	10.7	0	Current ability level may be sufficient
Information Ordering	9.9	10.3	9.4	0	Current ability level may be sufficient
Speech Recognition	9.9	10.0	6.9	<<	Extensive improvement in abilities may be required
Near Vision	11.1	9.9	10.6	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 89

**Focus Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)**

**Associated Occupation: Bicycle Repairers (49-3091)**

Work Activities	Exclusivity of Activity
Adhere to safety procedures	12
Adjust or set mechanical controls or components	69
Align or adjust clearances of mechanical components or parts	72
Determine installation, service, or repair needed	58
Estimate time or cost for installation, repair, or construction projects	54
Fabricate, assemble, or disassemble manufactured products by hand	11
Maintain repair records	65
Move or fit heavy objects	8
Perform safety inspections in industrial, manufacturing or repair setting	32
Read schematics	34
Read specifications	23
Read work order, instructions, formulas, or processing charts	9
Repair or replace malfunctioning or worn mechanical components	62
Test mechanical products or equipment	56
Understand service or repair manuals	40
Use hand or power tools	2
Use knowledge of metric system	39
Use oral or written communication techniques	1

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)**  
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Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.